

2004 Water Quality Assessment (Final) - Category 5 Listings for WRIA 16

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information			Parameter	Medium	Remarks
				Basis						
16	21929	5	N	DOSEWALLIPS RIVER	RZ37KR	0.043	25N 02W 02	Temperature	Water	
				Labbe et al. 2002, shows excursions beyond the criterion from instanatenous measurements collected in 2001 at Dosewallips State Park.						
				Labbe et al. 2002, shows excursions beyond the criterion from the annual 7-day mean of daily maximum temperature from continuous measurements collected in 2001 at Dosewallips State Park.						
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 16D070 (Dosewallips R @ Brinnon) shows 0 excursions beyond the criterion out of 12 samples collected between 1993 - 2001						
16	35261	5	N	DUCKABUSH RIVER	SC72WD	6.914	25N 03W 01	Temperature	Water	
				Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 17.1 degrees C on the week ending 9-11-2002, with a maximum daily temperature of 18.3 degrees C from continuous measurements collected in 2002 at RM 4.5 (station ID Duck RM 4.5).						Ecology staff reviewed this listing in 2003 for natural conditions, but could not rule out the possibility that human activities contributed to the excursion(s).
				Dept. of Ecology unpublished data from core ambient monitoring station 16C090 (Duckabush R. near Brinnon) shows a 7-day mean of daily maximum values of 13.8 for mid-week 12 August 2001.; Hallock (2001) Dept. of Ecology Ambient Monitoring Station 16C090 (DUCKABUSH RIVER NEAR BRINNON) shows 0 excursions beyond the criterion out of 52 samples collected between 1993 - 2001						
16	12587	5	N	FINCH CREEK	PL30HS	0	22N 04W 12	Fecal Coliform	Water	
				Washington State Department of Health unpublished data show an excursion beyond the percentile criterion from 7 samples collected during 2000 at the Hwy 101 bridge and at the mouth near Hatchery beach.						
16	40782	5	N	FINCH CREEK	PL30HS	0.241	22N 04W 11	Fecal Coliform	Water	
				Washington State Department of Health unpublished data show an excursion beyond the percentile criterion from 7 samples collected during 2000 at						Updated with DOH information, otherwise this is a duplicate
				Lumberman's foot bridge						Listing ID 12588 which has now been inactivated. 10/20/04 -
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 16E070 (Finch Cr @ Hoodsport) shows a geometric mean of 19 does not exceed the criterion and that 11% of the samples exceeds the percentile criterion from 9 samples collected during 1999.						
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 16E070 (Finch Cr @ Hoodsport) shows a geometric mean of 27 does not exceed the criterion and that 0% of the samples exceeds the percentile criterion from 3 samples collected during 1998.						
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 16E070 (Finch Cr @ Hoodsport) shows a geometric mean of 8 does not exceed the criterion and that 0% of the samples exceeds the percentile criterion from 9 samples collected during 1994.						
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 16E070 (Finch Cr @ Hoodsport) shows a geometric mean of 39 does not exceed the criterion and that 33% of the samples exceeds the percentile criterion from 3 samples collected during 1993.						

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	16	21928	5	N	FULTON CREEK	BY80QW	0.013	25N	02W	31	Temperature		Water
	Labbe et al. 2002, shows excursions beyond the criterion from instanatenous measurements collected in 2001 near Highway 101. Labbe et al. 2002, shows excursions beyond the criterion from the annual 7-day mean of daily maximum temperature from continuous measurements collected in 2001 near Highway 101.												
	16	13930	5	N	GREAT BEND/LYNCH COVE	390KRD	47123D1F0	47.355	123.105		Fecal Coliform		Water
	Department of Health unpublished data collected from station ANNAS BAY-197 show a geometric mean of 7 cfu/100mL and 19% of samples exceed the percentile criterion with the last sample collected on 13-Nov-2001.												
4/2005)	16	40971	5	N	HOOD CANAL	390KRD	47123D1H3	47.375	123.135		Dissolved oxygen		Water
	Newton (2004), Hood Canal Study station POTLCH shows 37 of 54 samples exceeded the criterion in year 2003, and 10 of 15 samples exceeded the criterion in year 2004.											This listing was reviewed by Ecology Marine Unit staff for natural conditions, with the conclusion that anthropogenic sources appear to contribute to the D.O. exceedances. This listing should be left on Category 5 (Grantham memo,	
4/2005)	16	40972	5	N	HOOD CANAL	390KRD	47123D1G0	47.365	123.105		Dissolved oxygen		Water
	Newton (2004), Hood Canal Study station POTOSO shows 17 of 36 samples exceeded the criterion in year 2003, and 5 of 13 samples exceeded the criterion in year 2004.											This listing was reviewed by Ecology Marine Unit staff for natural conditions, with the conclusion that anthropogenic sources appear to contribute to the D.O. exceedances. This listing should be left on Category 5 (Grantham memo,	
4/2005)	16	40973	5	N	HOOD CANAL	390KRD	47123D1H4	47.375	123.145		Dissolved oxygen		Water
	Newton (2004), Hood Canal Study station POTW shows 25 of 38 samples exceeded the criterion in year 2003, and 7 of 10 samples exceeded the criterion in year 2004.											This listing was reviewed by Ecology Marine Unit staff for natural conditions, with the conclusion that anthropogenic sources appear to contribute to the D.O. exceedances. This listing should be left on Category 5 (Grantham memo,	
4/2005)	16	40977	5	N	HOOD CANAL (SOUTH)	390KRD	47123E1D1	47.435	123.115		Dissolved oxygen		Water
	Newton (2004), Hood Canal Study station SUNDRK shows 23 of 34 samples exceeded the criterion in year 2003, and 3 of 13 samples exceeded the criterion in year 2004.											This listing was reviewed by Ecology Marine Unit staff for natural conditions, with the conclusion that anthropogenic sources appear to contribute to the D.O. exceedances. This listing should be left on Category 5 (Grantham memo,	

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information				Parameter	Medium	Remarks
				Basis							
4/2005)	16	40978	5	N	HOOD CANAL (SOUTH)	390KRD	47123E1D1	47.435	123.115	Dissolved oxygen	Water
	Newton (2004), Hood Canal Study station SUNDRK40 shows 9 of 9 samples exceeded the criterion in year 2003, and 6 of 6 samples exceeded the criterion in year 2004.										This listing was reviewed by Ecology Marine Unit staff for natural conditions, with the conclusion that anthropogenic sources appear to contribute to the D.O. exceedances. This listing should be left on Category 5 (Grantham memo,
4/2005)	16	40979	5	N	HOOD CANAL (SOUTH)	390KRD	47123E1D1	47.435	123.115	Dissolved oxygen	Water
	Newton (2004), Hood Canal Study station SUNDRK70 shows 9 of 9 samples exceeded the criterion in year 2003, and 6 of 7 samples exceeded the criterion in year 2004.										This listing was reviewed by Ecology Marine Unit staff for natural conditions, with the conclusion that anthropogenic sources appear to contribute to the D.O. exceedances. This listing should be left on Category 5 (Grantham memo,
4/2005)	16	40980	5	N	HOOD CANAL (SOUTH)	390KRD	47123E1C1	47.425	123.115	Dissolved oxygen	Water
	Newton (2004), Hood Canal Study station BAMBAN shows 24 of 30 samples exceeded the criterion in year 2003, and 12 of 20 samples exceeded the criterion in year 2004.										This listing was reviewed by Ecology Marine Unit staff for natural conditions, with the conclusion that anthropogenic sources appear to contribute to the D.O. exceedances. This listing should be left on Category 5 (Grantham memo,
4/2005)	16	40982	5	N	HOOD CANAL (SOUTH)	390KRD	47123E1C2	47.425	123.125	Dissolved oxygen	Water
	Newton (2004), Hood Canal Study station BAMBW shows 17 of 24 samples exceeded the criterion in year 2003, and 6 of 14 samples exceeded the criterion in year 2004.										This listing was reviewed by Ecology Marine Unit staff for natural conditions, with the conclusion that anthropogenic sources appear to contribute to the D.O. exceedances. This listing should be left on Category 5 (Grantham memo,
4/2005)	16	40988	5	N	HOOD CANAL (SOUTH)	390KRD	47123F0F2	47.555	123.025	Dissolved oxygen	Water
	Newton (2004), Hood Canal Study station HAMAW shows 12 of 27 samples exceeded the criterion in year 2003, and 2 of 6 samples exceeded the criterion in year 2004.										This listing was reviewed by Ecology Marine Unit staff for natural conditions, with the conclusion that anthropogenic sources appear to contribute to the D.O. exceedances. This listing should be left on Category 5 (Grantham memo,
drains	16	40868	5	Y	HUNTER CREEK	UNK000	0	00U	000U 00	Fecal Coliform	Water
	Skokomish Indian Tribal data (submitted by Jim Park on 2/23/96) show 1 excursion beyond the upper criterion at the Bridge on Hunter Creek on 10/95.										There is no WASWIS ID for this segment. The stream
											to the Skokomish River. JB 7-25-03: NO WASWIS ID, HAVE MORE RECENT DATA AND TMDL

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information				Parameter	Remarks	Medium
16	35263	5	N	LEBAR CREEK	MR04QE	0	22N	05W	04	Temperature	Water
Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 16.9 degrees C on the week ending 8-15-2001, with a maximum daily temperature of 17.1 degrees C from continuous measurements collected in 2001 at RM 0.1 (station ID #17).											Ecology staff reviewed this listing in 2003 for natural conditions, but could not rule out the possibility that human activities contributed to the excursion(s).
16	13931	5	N	LIBERTY BAY	390KRD	47122H6B2	47.715	122.625		Fecal Coliform	Water
Department of Health unpublished data collected from station LIBERTY BAY-500 show a geometric mean of 5 cfu/100mL and 13% of samples exceed the percentile criterion with the last sample collected on 19-Nov-2001.											
Department of Health unpublished data collected from station LIBERTY BAY-498 show a geometric mean of 4 cfu/100mL and 3% of samples exceed the percentile criterion with the last sample collected on 19-Nov-2001.											
Department of Health unpublished data collected from station LIBERTY BAY-499 show a geometric mean of 4 cfu/100mL and 0% of samples exceed the percentile criterion with the last sample collected on 19-Nov-2001.											
Liberty Bay Foundation unpublished data (submitted by Luis Barrantes on 12 Decemeber 2002) from station LBNS-24 (Lemolo Cove on north side of point (Horder property)) show a geometric mean of 23 cfu/100mL from samples collected in 2001-2002. Liberty Bay Foundation unpublished data (submitted by Luis Barrantes on 12 Decemeber 2002) from station LBNS-27 (Lemolo Point north shore (Klinikowsky property)) show a geometric mean of 11 cfu/100mL from samples collected in 2001-2002.											
16	7663	5	Y	SKOKOMISH RIVER	WW06HB	0.889	21N	03W	07	Fecal Coliform	Water
Skokomish Indian Tribal data (submitted by Jim Park on 2/23/96) shows 2 excursions beyond the criterion at Bobby Allen's between 1995 and 1996.											Previously and errantly reported as part of Skokomish River TMDL. This location is below Hwy 106. Returned to
Category											5 from 4A. 12/01/04 -kk
16	35267	5	N	SKOKOMISH RIVER, S.F.	QW27AV	15.396	22N	05W	15	Temperature	Water
Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 18 degrees C on the week ending 8-9-2000, with a maximum daily temperature of 18.5 degrees C from continuous measurements collected in 2000 at RM 10.5 (station ID SFSSkok RM 10.5).											Ecology staff reviewed this listing in 2003 for natural conditions, but could not rule out the possibility that human activities contributed to the excursion(s).
16	40867	5	Y	TEN ACRE CREEK	UNK000	0	00U	000U	00	Fecal Coliform	Water
drains											There is no WASWIS ID for this segment. The stream
between 1995 and 1996.											to Purdy Creek /Skokomish River. JB 7-25-03: NO WASWIS ID, HAVE MORE RECENT DATA AND TMDL